

Case study



# Colorado casinos hit the jackpot with modern video security solution

Avigilon Unity and Bronco Billy's and Chamonix Casinos and Hotel case study



Part of Full House Resorts (FHS), Bronco Billy's and Chamonix Casinos and Hotel are award-winning businesses located in the historic mining town of Cripple Creek, Colorado.

With its distinctive look and feel, Bronco Billy's provides guests with an impressive entertainment experience and exceptional customer service. The facility has an extensive selection of slots and table games, along with a hotel and restaurants that cater to the needs of every guest.

The Chamonix Casino Hotel is a luxurious resort that opened in December 2023. It features a modern casino floor, 300 guestrooms, a rooftop pool and spa, a high-end steakhouse, entertainment facilities and a parking garage.

Whether it is Bronco Billy's Casino or the Chamonix Casino Hotel, FHS understands that every enjoyable gaming experience is built on a strong foundation of safety and security. The businesses pride themselves on maintaining the safety of guests and staff while providing uninterrupted entertainment.

As Bronco Billy's Casino grew and FHS opened the new Chamonix Casino Hotel next door, leadership realized they needed to modernize the existing video security setup at Bronco Billy's Casino. They also needed to implement a new solution at Chamonix Casino Hotel.

This adoption of advanced security solutions would enable it to better handle security threats, detect deceitful gaming practices and help comply with Colorado gaming regulations.

## Customer Profile

Bronco Billy's and Chamonix Casinos and Hotel, Cripple Creek, CO

## Industry

Casinos and gaming, hospitality

## Solutions



Avigilon Unity Video VMS



AI-powered video analytics



Avigilon dome cameras

Avigilon bullet cameras

Avigilon fisheye cameras

Avigilon multisensor cameras



Avigilon Video Archive

Avigilon Network Video Recorders

## Benefits

- The Avigilon Unity solution enhanced security and operational efficiency for the casino-hotels, helping security teams stay on top of safety, security and gaming events.
- With the Unity solution, the casinos have been able to comply with Colorado gaming regulations, particularly around video storage requirements.
- The casinos use the Unity solution to support gaming investigators and local law enforcement in their investigations into any illegal activity at the facility.



# Challenges

## Stay on top of events

With any casino operation, there is a plethora of safety, security and gaming issues that require attention. From cheating players, theft of money and gaming chips to underage gambling and alcohol-related incidents, the security teams at Bronco Billy's and Chamonix Casinos and Hotel work nonstop to mitigate events before they escalate. While some events may be more frequent, each issue must be addressed to help create a safe and enjoyable gaming environment.

While the video security system at Bronco Billy's Casino had helped maintain safety and security, FHS sought a solution that could observe more spaces and capture finer details. It would also help Chamonix Casino Hotel streamline operations, better safeguard customers and staff, detect fraudulent gaming and aid investigations.

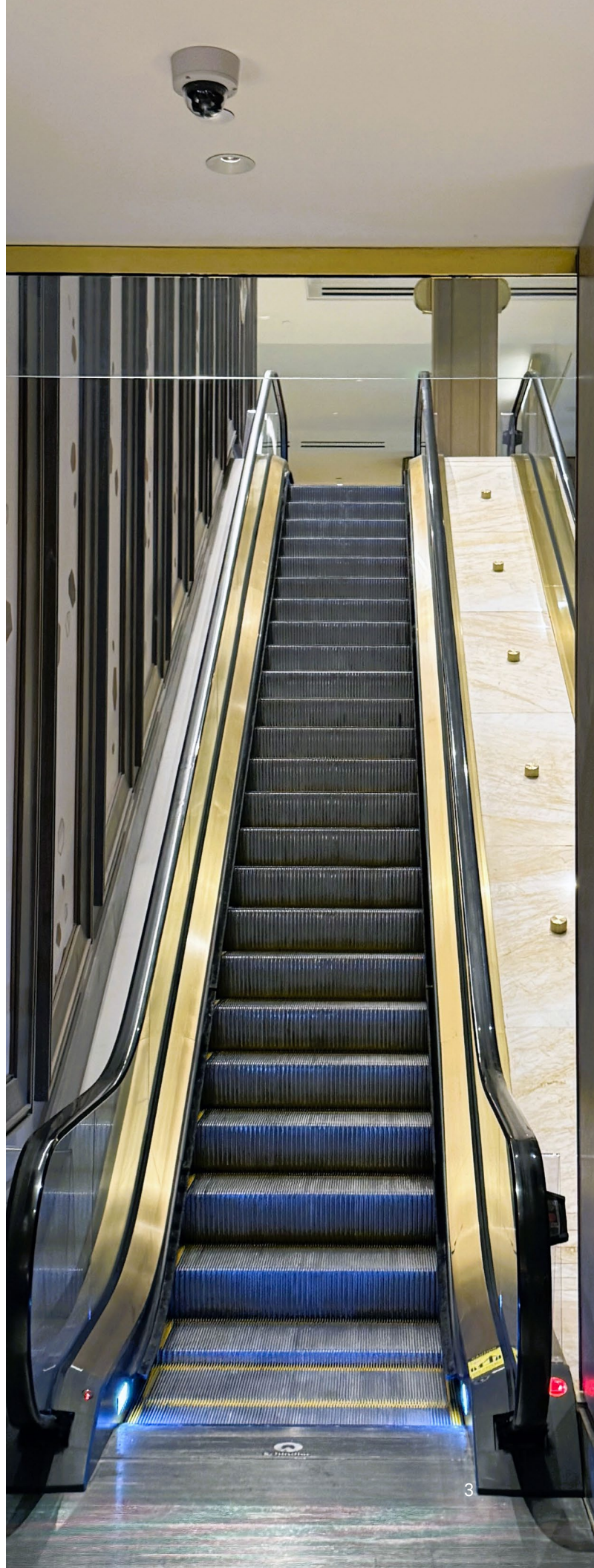
## Compliance with gaming regulations

To continue complying with Colorado's gaming regulations, the casinos must adhere to stringent video security rules. This includes recent updates requiring sufficient video storage capacity for camera footage captured in both gaming spaces and back-of-house areas.

As the gaming regulations state, all cameras in gaming areas must be recording 24/7. Additionally, video captured in critical gaming areas must be stored for a minimum of 15 days, or until gaming documentation has been completed by accounting (whichever is longer). Video captured in all other gaming areas must be stored for a minimum of 10 days.

Due to the number of cameras needed for coverage across their sites, it was calculated that the casinos would need more than 600 TB of storage to meet Colorado gaming requirements.

Failure to comply with gaming regulations could result in financial penalties, reputational harm and potential closure of the businesses. As a result, the leadership teams at both casinos were proactive in finding the right video security solution that would help them stay compliant.





# Solutions

## Avigilon Unity

Bronco Billy's Casino was already using Motorola Solutions' Avigilon video security system and was very satisfied with its success in helping maintain safety and security.

As a result, it was an easy decision for Bronco Billy's Casino to extend its Avigilon Unity on-premise video security solution. Seeing this success, leadership at Chamonix Casino Hotel also decided to implement the Unity solution.

Unity is a fully integrated and scalable physical security suite that includes cameras, video management software (VMS), AI-powered video analytics, access control, supporting infrastructure and more.

Solutions implemented by Bronco Billy's and Chamonix Casinos and Hotel include:

- Avigilon Unity Video VMS
- Dome cameras
- Bullet cameras
- Fisheye cameras
- Multisensor cameras

The casino-hotels invested in several Avigilon security cameras to enhance their security teams' situational awareness. The cameras provide detailed video, comprehensive coverage, and AI-powered video analytics to help them stay on top of potential threats or illegal gaming activities.

The dome, bullet, fisheye, and multisensor cameras were deployed both indoors and outdoors to help secure entrances and exits, lobby areas, casino floors, staff rooms, hallways, building perimeters and more.

Alongside the security cameras, the casino-hotels use the Unity Video VMS. This software integrates seamlessly with Avigilon cameras, providing real-time insights and delivering automatic alerts on a user-friendly interface that fosters faster incident responses. To meet the requirement for compliant video storage, Avigilon Network Video Recorders (NVRs) and Video Archive were also implemented.

Unity Video VMS and the security cameras also feature AI video analytics technology, including Unusual Activity Detection, to help improve threat detection and optimize operations.





# Benefits

## Greater situational awareness

The Avigilon Unity solution significantly enhanced security and operational efficiency for the casino-hotels, directly addressing their objectives to effectively manage safety, security and gaming events.

By leveraging its AI capabilities and high-resolution video from Avigilon cameras, Unity's comprehensive tools enable operators to gain greater situational awareness. This helps them accurately detect, closely analyze and initiate faster responses to safety and security concerns, including alcohol-related incidents, underage gambling and more.

In one situation, the Unity solution helped identify displaced individuals camped on the premises carrying bags containing illegal substances. This proactive approach to security enables the rapid identification and mitigation of potential risks, contributing to a more secure and enjoyable experience for guests and staff.

By extending the Avigilon solution with additional cameras, the casino security teams can observe more of their facilities. For example, discreet fisheye cameras were installed on chandeliers, enhancing security coverage without affecting the lighting feature's aesthetics.

The Avigilon Unity solution also proved invaluable in tackling clerical discrepancies and uncovering monetary and asset theft. Its reliable coverage and analytical features enabled the casinos to meticulously review transactions and operations, quickly pinpointing inconsistencies. This not only led to a reduction in losses but also instilled a greater sense of accountability and trust within the casino-hotels, ultimately bolstering the casinos' bottom line and operational integrity.



I can't give the Avigilon solution high enough marks. The product is great, but so too is the service. It's been outstanding and we haven't suffered any system outages, even during adverse weather, which can cause systems to go down.

**Jon Kelley, Director of Surveillance and Security for Bronco Billy's and Chamonix Casinos and Hotel**



## Compliant video security

Implementing the trusted, cybersecure Avigilon Unity solution helped the casinos comply with Colorado gaming regulations. The Unity solution, featuring NVRs and Video Archive, provides high-capacity video storage, retaining over 600 TB of data to comply with retention policies. It also offers the flexibility to scale up storage should the organization decide to install additional cameras.

This helps security teams source relevant footage should an incident occur or an investigation be launched to resolve a past issue. Additionally, the Erasure Coding protection technology offers reliability and near-zero downtime, helping to ensure video archives are preserved for swift, on-demand retrieval and review any time.

Furthermore, casino management can effectively verify the winners of jackpots. The Unity Video VMS enables operators to quickly review relevant footage to confirm the winner, helping reduce instances of individuals claiming another person's winnings.

## Closer ties with the gaming commission and law enforcement

With a comprehensive video security system in place, casino management can support gaming investigators and local law enforcement in investigating illegal activity on or around the premises.

The detailed footage captured by Avigilon cameras can help outline the events that took place, those involved and capture evidence needed for prosecution. This includes capturing the suspect's appearance and their vehicle's license plate information.

This comprehensive support and advanced video security operations have helped create a close working relationship with the gaming commission and the local police department, with the latter stating the Unity solution has been a tremendous help with investigations.

Additionally, the casino security teams can share pictures of suspected advantage players —those who use unauthorized methods to gain an advantage while playing —with other casinos and their security departments. This helps ensure that these individuals cannot enter other gaming facilities. This has formed a security partnership that all casinos in the area can benefit from, helping to reduce deceitful gaming practices.



# Conclusion

The collaboration between Bronco Billy's, Chamonix and Avigilon Unity has significantly bolstered their video security infrastructure and operational efficiency.

By implementing a comprehensive suite of Avigilon solutions, including Unity Video VMS, various camera types and on-premise video storage solutions, the casino-hotels have achieved greater situational awareness, enhanced their ability to detect and respond to incidents and helped them comply with stringent Colorado gaming regulations.

This advanced security framework has also fostered stronger relationships with the gaming commission and law enforcement, contributing to a safer and more secure environment for guests and staff while also protecting the casinos' bottom line.

Looking ahead, the casino security teams plan to use additional AI video analytics from the Unity Video solution, including Occupancy Counting, for efficient building management and face watch list capabilities to detect individuals who are banned.

“ The Avigilon camera system is infallible. I wouldn't want to go to any other product. I believe Avigilon is the best on the market.

**Jon Kelley, Director of Surveillance and Security for Bronco Billy's and Chamonix Casinos and Hotel**

To learn more, visit: [www.avigilon.com](http://www.avigilon.com)



Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. [motorolasolutions.com](http://motorolasolutions.com)

© 2025, Avigilon Corporation. All rights reserved. MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. 10-2025 [JS05]